

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S5	5	("720" "369").clas. and ((rotary radial moving) adj arm) and ((multi\$1spot multi\$1beam ((three side sub multi\$3) near3 (beam spot)) sub\$1spot sub\$1beam) near4 tracking)	USPAT	OR	OFF	2006/12/29 17:33
S7	0	("720" "369").clas. and (rotat\$3 near3 (grating diffract\$3)) and ((multi\$1spot multi\$1beam ((three side sub multi\$3) near3 (beam spot)) sub\$1spot sub\$1beam) near4 tracking) and arm	USPAT	OR	OFF	2006/12/29 17:34
S6	46	("720" "369").clas. and (rotat\$3 near3 (grating diffract\$3)) and ((multi\$1spot multi\$1beam ((three side sub multi\$3) near3 (beam spot)) sub\$1spot sub\$1beam) near4 tracking)	USPAT	OR	OFF	2006/12/29 17:34
S10	315	("720" "369" "360").clas. and ((rotary radial) adj arm)	USPAT	OR	OFF	2006/12/29 17:36
S8	1	("720" "369").clas. and (rotat\$3 near3 (grating diffract\$3)) and ((multi\$1spot multi\$1beam ((three side sub multi\$3) near3 (beam spot)) sub\$1spot sub\$1beam) near4 tracking) and (arm slider periscope cantilever)	USPAT	OR	OFF	2006/12/29 17:36
S4	4	("720" "369").clas. and ((rotary radial) adj arm) and ((multi\$1spot multi\$1beam ((three side sub multi\$3) near3 (beam spot)) sub\$1spot sub\$1beam) near4 tracking)	USPAT	OR	OFF	2006/12/29 17:36
S3	115	("720" "369").clas. and ((rotary radial) adj arm)	USPAT	OR	OFF	2006/12/29 17:36
S12	7	("720" "369" "360").clas. and ((rotary radial) adj arm) and ((multi\$1spot multi\$1beam ((three side sub multi\$3) near3 (beam spot)) sub\$1spot sub\$1beam) near4 tracking)	US-PGPUB; USPAT	OR	OFF	2006/12/29 17:37
S9	1	("720" "369" "360").clas. and (rotat\$3 near3 (grating diffract\$3)) and ((multi\$1spot multi\$1beam ((three side sub multi\$3) near3 (beam spot)) sub\$1spot sub\$1beam) near4 tracking) and (arm slider periscope cantilever)	USPAT	OR	OFF	2006/12/29 17:38

EAST Search History

S14	54	("720" "369" "360").clas. and (rotat\$3 near3 (grating diffract\$3 multi\$1spot multi\$1beam ((three side sub multi\$3) near3 (beam spot)) sub\$1spot sub\$1beam)) and ((multi\$1spot multi\$1beam ((three side sub multi\$3) near3 (beam spot)) sub\$1spot sub\$1beam) near4 tracking)	USPAT	OR	OFF	2006/12/29 18:05
S13	46	("720" "369" "360").clas. and (rotat\$3 near3 (grating diffract\$3)) and ((multi\$1spot multi\$1beam ((three side sub multi\$3) near3 (beam spot)) sub\$1spot sub\$1beam) near4 tracking)	USPAT	OR	OFF	2006/12/29 18:05
S15	27	("720" "369" "360").clas. and ((rotate rotating) near3 (grating diffract\$3 multi\$1spot multi\$1beam ((three side sub multi\$3) near3 (beam spot)) sub\$1spot sub\$1beam)) and ((multi\$1spot multi\$1beam ((three side sub multi\$3) near3 (beam spot)) sub\$1spot sub\$1beam) near4 tracking)	USPAT	OR	OFF	2006/12/29 18:06
S11	4	("720" "369" "360").clas. and ((rotary radial) adj arm) and ((multi\$1spot multi\$1beam ((three side sub multi\$3) near3 (beam spot)) sub\$1spot sub\$1beam) near4 tracking)	USPAT	OR	OFF	2006/12/29 18:11
S16	10	("720" "369" "360").clas. and ((rotary radial rotation) adj arm) and ((multi\$1spot multi\$1beam ((three side sub multi\$3 "3") near3 (beam spot)) sub\$1spot sub\$1beam) near4 tracking)	USPAT	OR	OFF	2006/12/29 18:16
S17	147	("720" "369" "360").clas. and ((angle relat\$3) with (tangential track) with arm with (radial\$2 rotat\$3))	USPAT	OR	OFF	2006/12/29 18:20
S20	0	("720" "369" "360").clas. and (((rotary) near3 (arm actuator)) with (angle near3 skew\$3)) and ((multi\$1spot multi\$1beam ((three side sub multi\$3 "3") near3 (beam spot)) sub\$1spot sub\$1beam) near4 tracking)	USPAT	OR	OFF	2006/12/29 18:26
S19	97	("720" "369" "360").clas. and (((rotary) near3 (arm actuator)) with (angle near3 skew\$3))	USPAT	OR	OFF	2006/12/29 18:26

EAST Search History

S21	1	("720" "369" "360").clas. and (((rotary) near3 (arm actuator)) with (angle near3 skew\$3)) and (multi\$1spot multi\$1beam ((three side sub multi\$3 "3" plural\$3) near3 (beam spot)) sub\$1spot sub\$1beam)	USPAT	OR	OFF	2006/12/29 18:27
S18	10	("720" "369" "360").clas. and (((rotary) near3 (arm actuator)) same ((adjust\$4 compensat\$3 rotat\$3 correct\$3) with (angle) with (track tangent\$5) with (radial\$3 address position location)))	USPAT	OR	OFF	2007/01/09 11:10
S22	15	("720" "369" "360").clas. and (((rotary) near3 (arm actuator)) same ((adjust\$4 compensat\$3 rotat\$3 correct\$3) with (angle) with (track tangent\$5 skew) with (radial\$3 address position location)))	USPAT	OR	OFF	2007/01/09 12:14
S26	5	("720" "369" "360").clas. and ((multi\$1spot multi\$1beam ((three side sub multi\$3 "3") near3 (beam spot)) sub\$1spot sub\$1beam) same ((skew\$3 yaw\$3) near3 angle))	US-PGPUB; USPAT	OR	OFF	2007/01/09 12:24
S24	1	("720" "369" "360").clas. and ((multi\$1spot multi\$1beam ((three side sub multi\$3 "3") near3 (beam spot)) sub\$1spot sub\$1beam) with ((skew\$3 yaw\$3) near3 angle))	USPAT	OR	OFF	2007/01/09 12:24
S27	9	("4367505" "4613920" "4984103" "5012375" "5068760" "5097372" "5208715" "5257149" "5289328").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/09 12:51
S28	4	("6005751").URPN.	USPAT	OR	OFF	2007/01/09 12:54
S30	8	("5801908").URPN.	USPAT	OR	OFF	2007/01/09 12:59
S29	17	("0479703" "4814908" "4896233" "4926275" "5010430" "5012355" "5019930" "5029030" "5153870" "5189578" "5218497" "5227212" "5251082" "5257149" "5303105" "5307217").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/09 12:59
S25	2	("720" "369" "360").clas. and ((multi\$1spot multi\$1beam ((three side sub multi\$3 "3") near3 (beam spot)) sub\$1spot sub\$1beam) with ((skew\$3 yaw\$3) near3 angle))	US-PGPUB; USPAT	OR	OFF	2007/01/09 13:11

EAST Search History

S32	56	("720" "369" "360").clas. and (((rotary) near3 (arm actuator)) arm) same ((adjust\$4 compensat\$3 rotat\$3 correct\$3) with (angle) with (track tangent\$5 skew yaw) with (radial\$3 address position location)))	USPAT	OR	OFF	2007/01/09 13:14
S23	16	("720" "369" "360").clas. and (((rotary) near3 (arm actuator)) same ((adjust\$4 compensat\$3 rotat\$3 correct\$3) with (angle) with (track tangent\$5 skew yaw) with (radial\$3 address position location)))	USPAT	OR	OFF	2007/01/09 13:14
S31	160	("720" "369" "360").clas. and ((eliminat\$3 compensat\$3 adjust\$4 correct\$3) near6 ((skew\$3 yaw\$3) near3 angle))	US-PGPUB; USPAT	OR	OFF	2007/01/09 13:16
S34	15	("720" "369" "360").clas. and ((eliminat\$3 compensat\$3 adjust\$4 correct\$3) near6 ((skew\$3 yaw\$3) near3 angle)) and ((multi\$1spot multi\$1beam ((three side sub multi\$3 "3") near3 (beam spot)) sub\$1spot sub\$1beam))	US-PGPUB; USPAT	OR	OFF	2007/01/09 13:18
S33	4	("720" "369" "360").clas. and ((eliminat\$3 compensat\$3 adjust\$4 correct\$3) near6 ((skew\$3 yaw\$3) near3 angle)) and ((multi\$1spot multi\$1beam ((three side sub multi\$3 "3") near3 (beam spot)) sub\$1spot sub\$1beam) with (track\$3))	US-PGPUB; USPAT	OR	OFF	2007/01/09 13:18
S35	11	S34 not S33	US-PGPUB; USPAT	OR	OFF	2007/01/09 13:30
S36	162	"369".clas. and ((skew\$2 yaw\$3) near3 angle)	US-PGPUB; USPAT	OR	OFF	2007/01/09 13:31
S37	46	"369".clas. and ((skew\$2 yaw\$3) near3 angle) and (multi\$1spot ("3" adj beam) "3-beam" multi\$1beam ((three side sub multi\$3) near3 (beam spot)) sub\$1spot sub\$1beam)	US-PGPUB; USPAT	OR	OFF	2007/01/09 13:32
S38	11	"369".clas. and (((skew\$2 yaw\$3) near3 angle) with (eliminat\$3 compensat\$3 adjust\$4 correct\$3)) and (multi\$1spot ("3" adj beam) "3-beam" multi\$1beam ((three side sub multi\$3) near3 (beam spot)) sub\$1spot sub\$1beam)	US-PGPUB; USPAT	OR	OFF	2007/01/09 13:37

EAST Search History

S40	42	"369".clas. and (arm (rotary near3 actuat\$3)) and ((multi\$1spot ("3" adj beam) "3-beam" multi\$1beam ((three side sub multi\$3) near3 (beam spot)) sub\$1spot sub\$1beam) with (rotat\$3 pivot\$3 angle))	US-PGPUB; USPAT	OR	OFF	2007/01/09 13:38
S39	0	"369".clas. and (arm (rotary near3 actuat\$3)) and (((skew\$2 yaw\$3) near3 angle) with (eliminat\$3 compensat\$3 adjust\$4 correct\$3)) and ((multi\$1spot ("3" adj beam) "3-beam" multi\$1beam ((three side sub multi\$3) near3 (beam spot)) sub\$1spot sub\$1beam) with (rotat\$3 pivot\$3 angle))	US-PGPUB; USPAT	OR	OFF	2007/01/09 13:38
S41	420	"369".clas. and ((rotat\$3 pivot\$3) with (diffract\$3 grating))	USPAT	OR	OFF	2007/01/10 13:07
S1	90	("720" "369").clas. and (rotary adj arm)	USPAT	OR	OFF	2007/01/10 13:07
S43	70	"369".clas. and ((rotat\$3 pivot\$3) near3 (diffract\$3 grating)) and ((multi\$1spot multi\$1beam ((three side sub multi\$3 "3") near3 (beam spot)) sub\$1spot sub\$1beam) with tracking)	USPAT	OR	OFF	2007/01/10 13:08
S42	188	"369".clas. and ((rotat\$3 pivot\$3) near3 (diffract\$3 grating))	USPAT	OR	OFF	2007/01/10 13:08
S44	71	"369".clas. and ((rotat\$3 pivot\$3) near3 (diffract\$3 grating)) and ((multi\$1spot multi\$1beam ((three side sub multi\$3 "3") near3 (beam spot)) sub\$1spot sub\$1beam) with (tracking tes))	USPAT	OR	OFF	2007/01/10 13:26
S46	0	"369".clas. and (((rotat\$3 pivot\$3) near3 (diffract\$3 grating)) same ((cd\$4 with dvd\$4) ((second different) near3 (pitch (track near3 density)))) same ((multi\$1spot multi\$1beam ((three side sub multi\$3 "3") near3 (beam spot)) sub\$1spot sub\$1beam) with (tracking tes))	USPAT	OR	OFF	2007/01/10 13:27

EAST Search History

S48	0	"369".clas. and (((rotat\$3 pivot\$3) near3 (multi\$1spot multi\$1beam ((three side sub multi\$3 "3") near3 (beam spot)) sub\$1spot sub\$1beam)) with ((cd\$4 with dvd\$4) ((second different) near3 (pitch (track near3 density)))) and ((multi\$1spot multi\$1beam ((three side sub multi\$3 "3") near3 (beam spot)) sub\$1spot sub\$1beam) with (tracking tes))	USPAT	OR	OFF	2007/01/10 13:31
S47	2	"369".clas. and (((rotat\$3 pivot\$3) near3 (multi\$1spot multi\$1beam ((three side sub multi\$3 "3") near3 (beam spot)) sub\$1spot sub\$1beam)) same ((cd\$4 with dvd\$4) ((second different) near3 (pitch (track near3 density)))) and ((multi\$1spot multi\$1beam ((three side sub multi\$3 "3") near3 (beam spot)) sub\$1spot sub\$1beam) with (tracking tes))	USPAT	OR	OFF	2007/01/10 13:31
S49	5	"369".clas. and (((rotat\$3 pivot\$3) near3 (diffract\$3 grating hologram hoe holographic)) same ((cd\$4 with dvd\$4) ((second different) near3 (pitch (track near3 density)))) and ((multi\$1spot multi\$1beam ((three side sub multi\$3 "3") near3 (beam spot)) sub\$1spot sub\$1beam) with (tracking tes))	USPAT	OR	OFF	2007/01/10 13:33
S45	5	"369".clas. and (((rotat\$3 pivot\$3) near3 (diffract\$3 grating)) same ((cd\$4 with dvd\$4) ((second different) near3 (pitch (track near3 density)))) and ((multi\$1spot multi\$1beam ((three side sub multi\$3 "3") near3 (beam spot)) sub\$1spot sub\$1beam) with (tracking tes))	USPAT	OR	OFF	2007/01/10 13:35
S50	47	"369".clas. and (((cd\$4 with dvd\$4) ((second different both) near3 (pitch (track near3 density)))) with ((multi\$1spot multi\$1beam ((three side sub multi\$3 "3") near3 (beam spot)) sub\$1spot sub\$1beam) with (tracking tes))	USPAT	OR	OFF	2007/01/10 13:38

EAST Search History

S51	0	"369".clas. and (((cd\$4 with dvd\$4) ((second different both) near3 (pitch (track near3 density)))) with ((multi\$1spot multi\$1beam ((three side sub multi\$3 "3") near3 (beam spot)) sub\$1spot sub\$1beam) with (tracking tes))) and (((rotat\$3 turn\$3 pivot\$3) near4 (diffract\$3 grating hoe hologram holographic \$5beam \$5spot)) with (pitch density))	USPAT	OR	OFF	2007/01/10 13:40
S52	120	"369".clas. and (((rotat\$3 turn\$3 pivot\$3) near4 (diffract\$3 grating hoe hologram holographic \$5beam \$5spot)) with (pitch density))	USPAT	OR	OFF	2007/01/10 13:41
S55	70	("369" "720" "359").clas. and ((arm (rotary near3 actuator)) and ((multi\$1spot multi\$1beam ((three side sub multi\$3 "3") near3 (beam spot)) sub\$1spot sub\$1beam) with (tracking tes)))	USPAT	OR	OFF	2007/01/10 14:26
S53	28	"369".clas. and (((rotat\$3 turn\$3 pivot\$3) near4 (diffract\$3 grating hoe hologram holographic \$5beam \$5spot)) with (pitch density)) and ((multi\$1spot multi\$1beam ((three side sub multi\$3 "3") near3 (beam spot)) sub\$1spot sub\$1beam) with (tracking tes)))	USPAT	OR	OFF	2007/01/10 14:26
S54	3	("369" "720" "359").clas. and ((arm (rotary near3 actuator)) same ((multi\$1spot multi\$1beam ((three side sub multi\$3 "3") near3 (beam spot)) sub\$1spot sub\$1beam) with (tracking tes)))	USPAT	OR	OFF	2007/01/10 15:28
S56	726	("369" "720" "359").clas. and ((arm (rotary near3 actuator)) with (laser ((radiation light) near3 (diode emitter source))))	USPAT	OR	OFF	2007/01/10 15:31
S57	1	"5541908".pn.	USPAT	OR	OFF	2007/01/10 15:32
S59	1	("4,761,773").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/10 15:44
S58	9	("4592038" "5090004" "5138592" "5235584" "5303216" "5337299" "5345072" "5420847" "5479387").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/10 15:44
S60	4	("4403316" "4408311" "5117413" "5615203").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/10 15:49

EAST Search History

S61	1	("5790509").URPN.	USPAT	OR	OFF	2007/01/10 15:50
S2	4	(jansen and nisse and schleipen).in.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/01/11 08:57
S63	0	("720" "369").clas. and ((spot adj size) with focault)	USPAT	OR	OFF	2007/01/11 09:16
S62	5	("720" "369").clas. and (((control\$4 rotat\$3 adjust\$4 turn\$3 pivot\$4) near4 grating) same (arm ((rotary swing) near3 actuat\$3)))	USPAT	OR	OFF	2007/01/11 09:16
S65	0	("720" "369").clas. and (((spot adj size) focault) with (photodetect\$3 ((light radiation photo array) near3 (detect\$3 sens\$3 receiv\$3)))) with prefer\$4)	USPAT	OR	OFF	2007/01/11 09:18
S66	12	("720" "369").clas. and (((spot adj size) focault) with (photodetect\$3 ((light radiation photo array) near3 (detect\$3 sens\$3 receiv\$3)))) with (prefer\$4 desir\$4 increas\$3 improv\$5 better\$3))	USPAT	OR	OFF	2007/01/11 09:19
S64	152	("720" "369").clas. and (((spot adj size) focault) with (photodetect\$3 ((light radiation photo array) near3 (detect\$3 sens\$3 receiv\$3))))	USPAT	OR	OFF	2007/01/11 09:19
S67	55	("720" "369").clas. and (((spot adj size) focault) near3 (type method)) with (photodetect\$3 ((light radiation photo array) near3 (detect\$3 sens\$3 receiv\$3))))	USPAT	OR	OFF	2007/01/11 09:20
S68	2	("720" "369").clas. and (((spot adj size) focault) near3 (type method)) with (photodetect\$3 ((light radiation photo array) near3 (detect\$3 sens\$3 receiv\$3)))) with (prefer\$4 desir\$4 increas\$3 improv\$5 better\$3))	USPAT	OR	OFF	2007/01/11 09:22
S69	11	("720" "369").clas. and (((spot adj size) focault) near3 (type method)) with (prefer\$4 desir\$4 increas\$3 improv\$5 better\$3))	USPAT	OR	OFF	2007/01/11 09:23
S70	5	("720" "369").clas. and (((spot adj size) focault) adj (type method)) with (prefer\$4 desir\$4 increas\$3 improv\$5 better\$3))	USPAT	OR	OFF	2007/01/11 09:25

EAST Search History

S71	6	("720" "369").clas. and (((spot adj size) focault) adj (type method system)) same (("3" three) adj beam adj (tracking method type system)))	USPAT	OR	OFF	2007/01/11 10:11
S72	29	("720" "369").clas. and (((spot adj size) focault) adj (type method system)) same ((cylindrical adj lens) (((knife adj edge) astigmatism) adj (method type system))))	USPAT	OR	OFF	2007/01/11 10:12
S73	25	("720" "369").clas. and (((spot adj size) focault) adj (type method system)) with ((cylindrical adj lens) (((knife adj edge) astigmatism) adj (method type system))))	USPAT	OR	OFF	2007/01/11 10:26
S76	2	("720" "369").clas. and ((cylindrical adj lens) with astigmatism with (spot adj size))	USPAT	OR	OFF	2007/01/11 10:27
S74	448	("720" "369").clas. and ((cylindrical adj lens) with astigmatism)	USPAT	OR	OFF	2007/01/11 10:27
S78	0	("3876842" "4338682" "4340950" "4462095" "4494154" "4539665" "4544872" "4547872").PN. and (arm ((rotary swing swivil\$4) near3 actual\$3))	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/11 11:11
S77	8	("3876842" "4338682" "4340950" "4462095" "4494154" "4539665" "4544872" "4547872").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/11 11:11
L5	30	"369".clas. and ((beams! ((side sub) adj (beam spot)) sub\$1beam sub\$1spot side\$1beam side\$1spot) near5 ((perpendicular\$2 near3 (track tangent\$5))))	USPAT	OR	OFF	2007/01/11 12:39
L4	298	"369".clas. and ((beams! ((side sub) adj (beam spot)) sub\$1beam sub\$1spot side\$1beam side\$1spot) near5 (radial\$2 (perpendicular\$2 near3 (track tangent\$5))))	USPAT	OR	OFF	2007/01/11 12:42
L6	31	"369".clas. and ((beams! ((side sub) adj (beam spot)) sub\$1beam sub\$1spot side\$1beam side\$1spot) near5 (radial\$2 near3 (align\$4 arrang\$4 along))))	USPAT	OR	OFF	2007/01/11 12:43